



Espacenet

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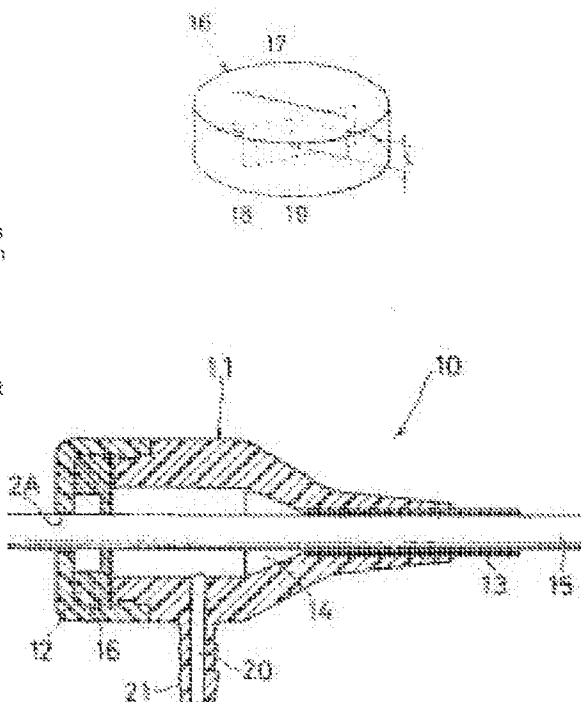
### VALVE ELEMENT

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### Abstract of JP 59133877 (A)

**PURPOSE:** To provide a valve element with simple construction by carving a notch having its opening only at one of the end faces and another notch, only at the other end face in such a way that they intersect inside, by retaining rods with different diameters inserted in liquid-tight condition, and by forming proper shut condition immediately after a rod is drawn off. **CONSTITUTION:** A valve element 16 is made of soft resilient material such as silicon rubber, in which are carved No.1 notch 17 having its opening only at one of the end faces and No.2 notch 18, only at the other end face, where the two notches intersect inside the valve element 16. While a catheter 15 is inserted in a passage 14 of a lead-in tool 10 for medical use tubing, the valve element 16 is in facial contact closely with the perimeter of the catheter 15, and thus the liquid-tight condition is maintained to ensure prevention of blood leakage from a flexible tube 13 inserted in a vessel. In order to remove the catheter 15 from said lead-in tool 10, the catheter 15 is drawn off from the valve element 16, and at the same time the notches 17, 18 shall form perfect shut condition so as to prevent outflow of blood.



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